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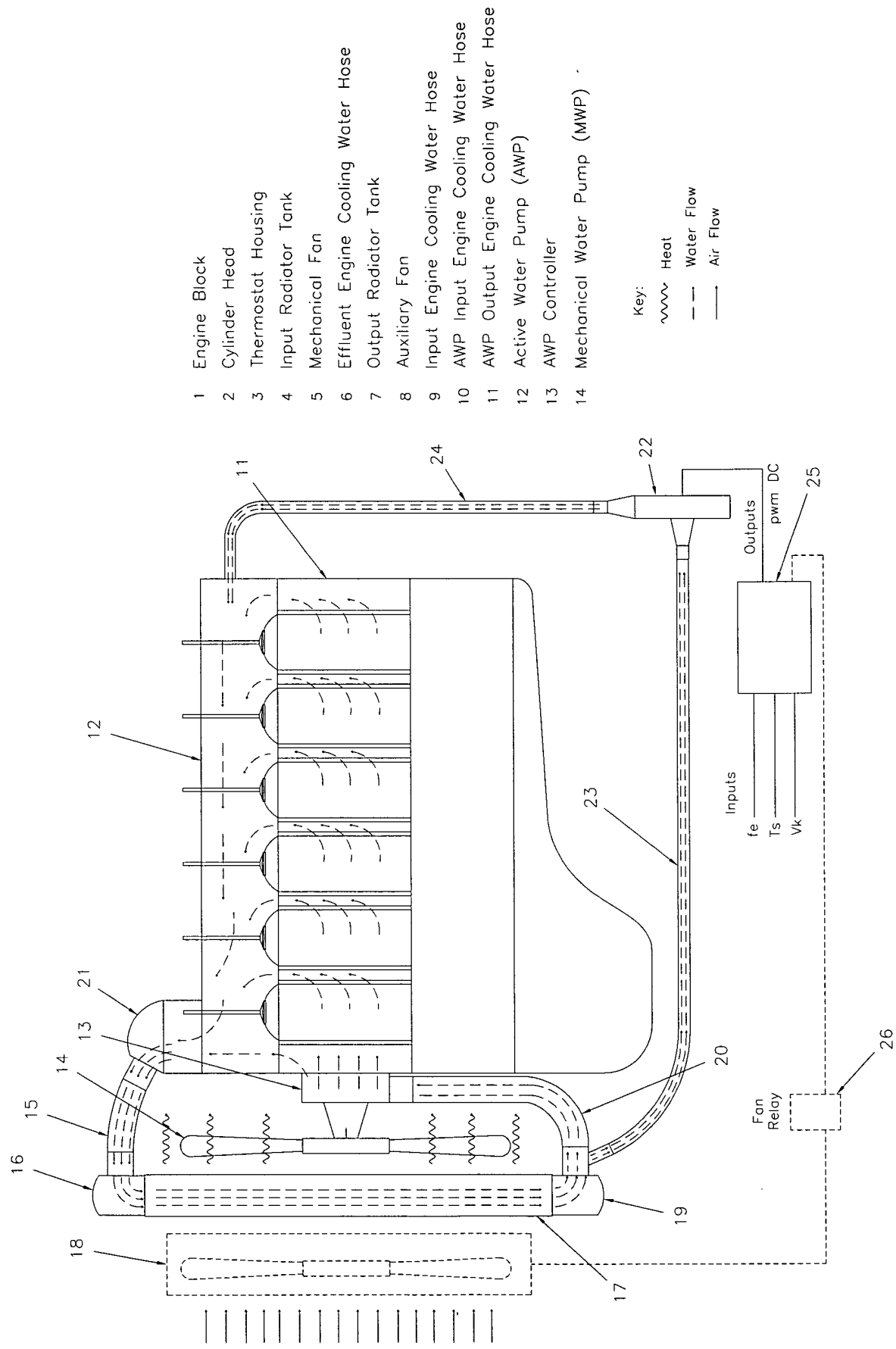


Figure 2

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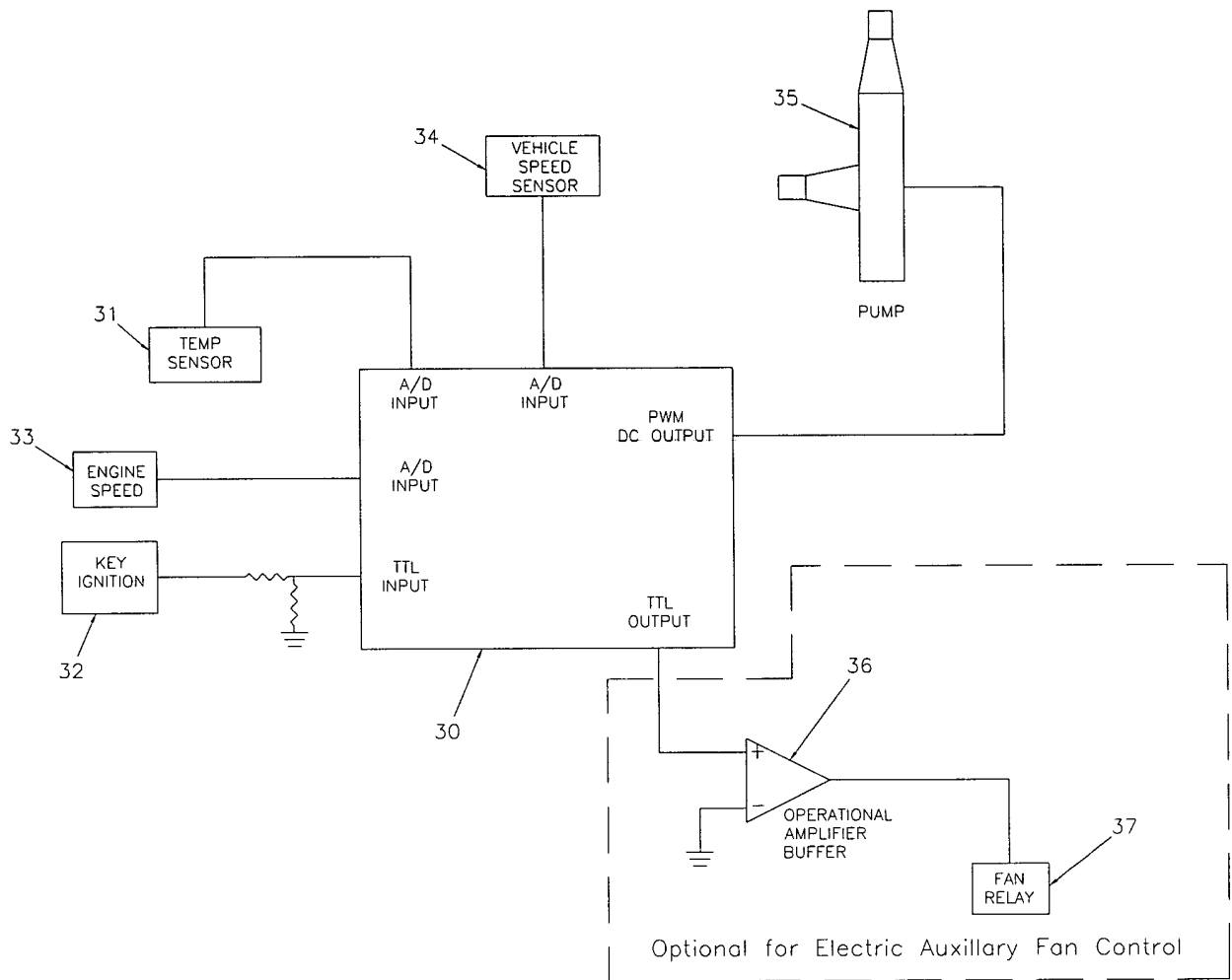


Figure 3

AWP & FAN CONTROLLER FLOWCHART

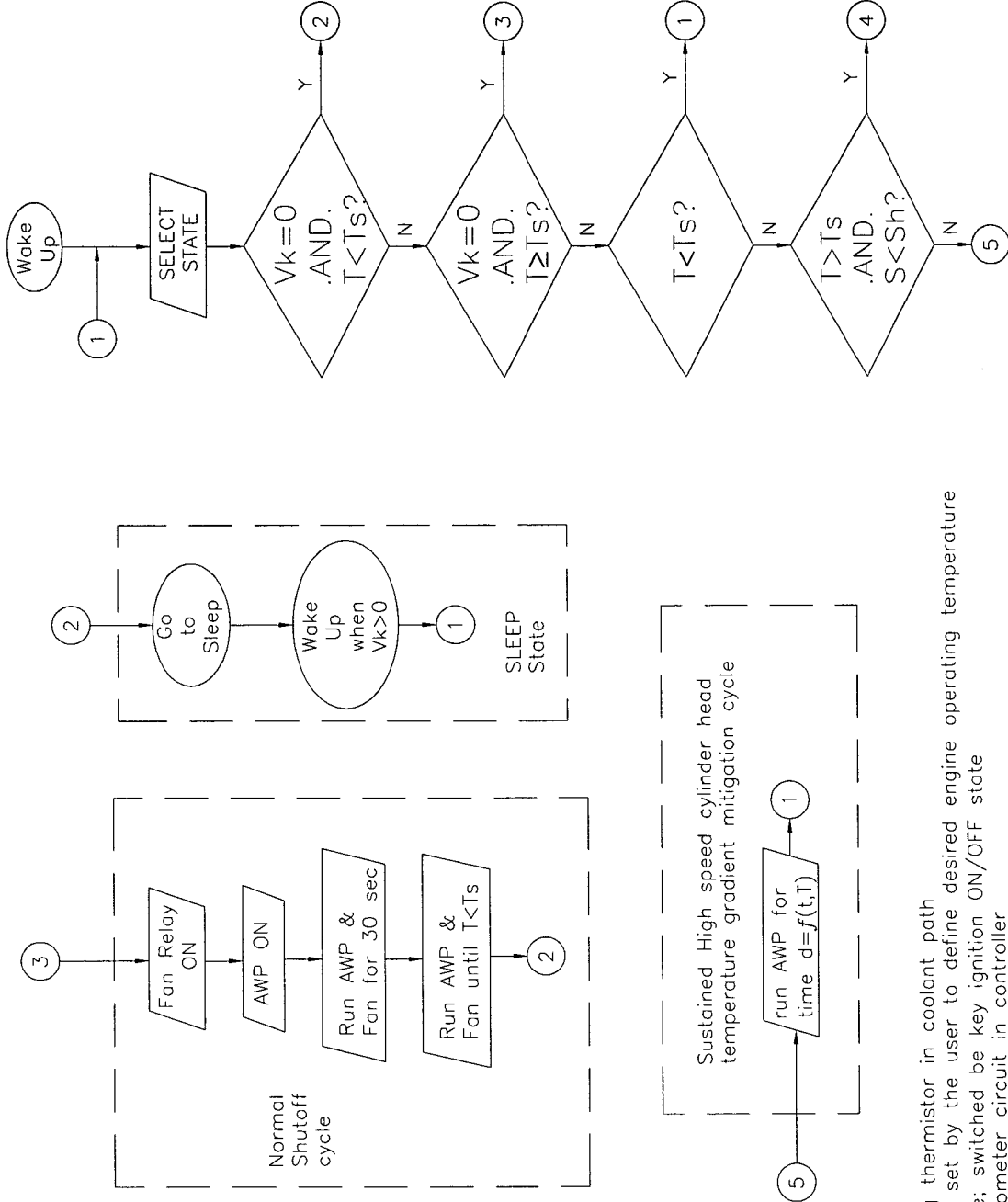


Figure 4

KEY:

- AWP = Active Water Pump
- T = sensed engine temperature using thermistor in coolant path
- Ts = Set Temperature value; a value set by the user to define desired engine operating temperature
- Vk = Ignition switched battery voltage; switched by key ignition ON/OFF state
- S = sensed engine speed using tachometer circuit in controller
- Sh = Lo/Hi engine speed transition point; set by user to define transition between Lo & Hi speed states in controller
- t = Time

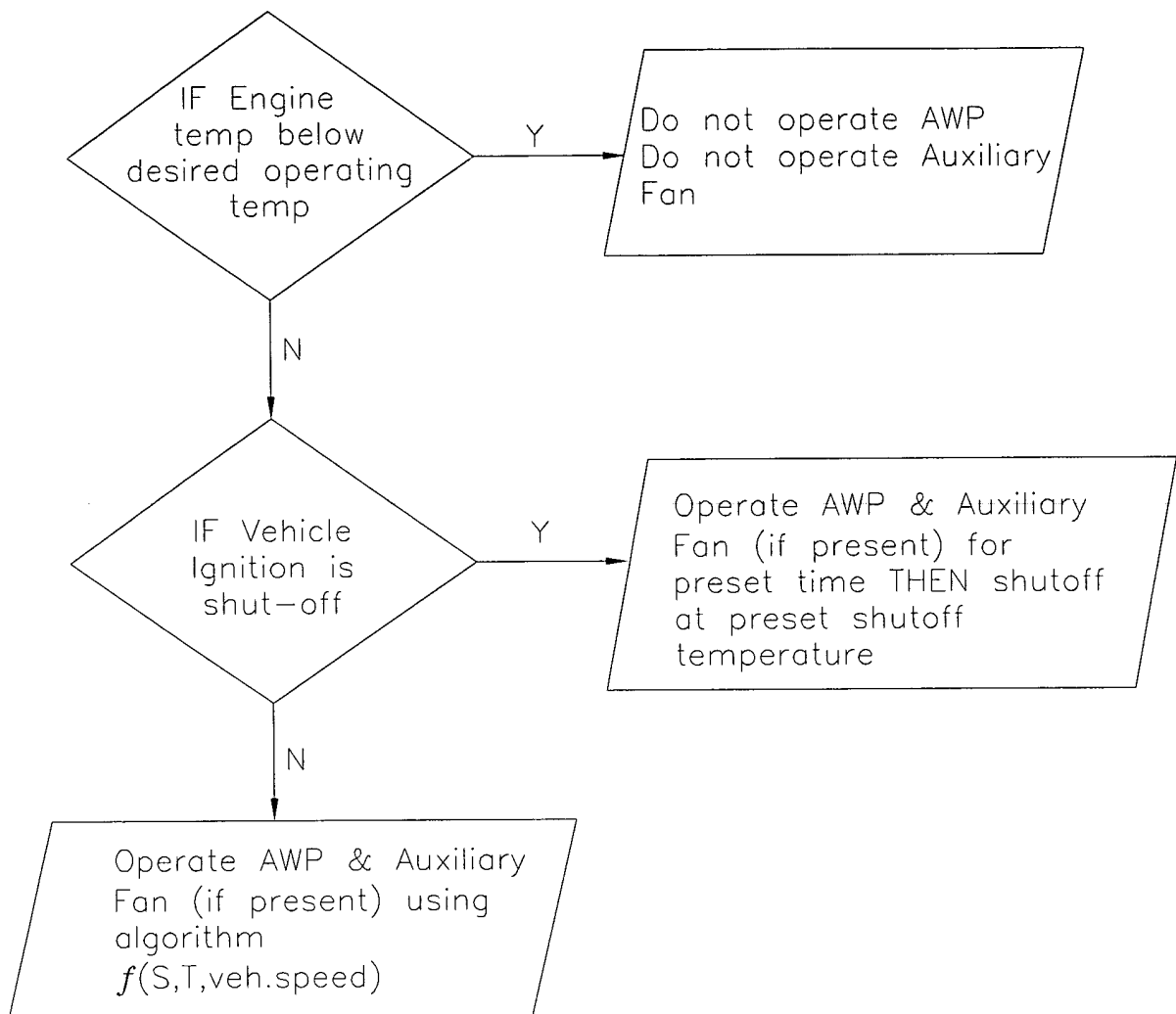


Figure 5

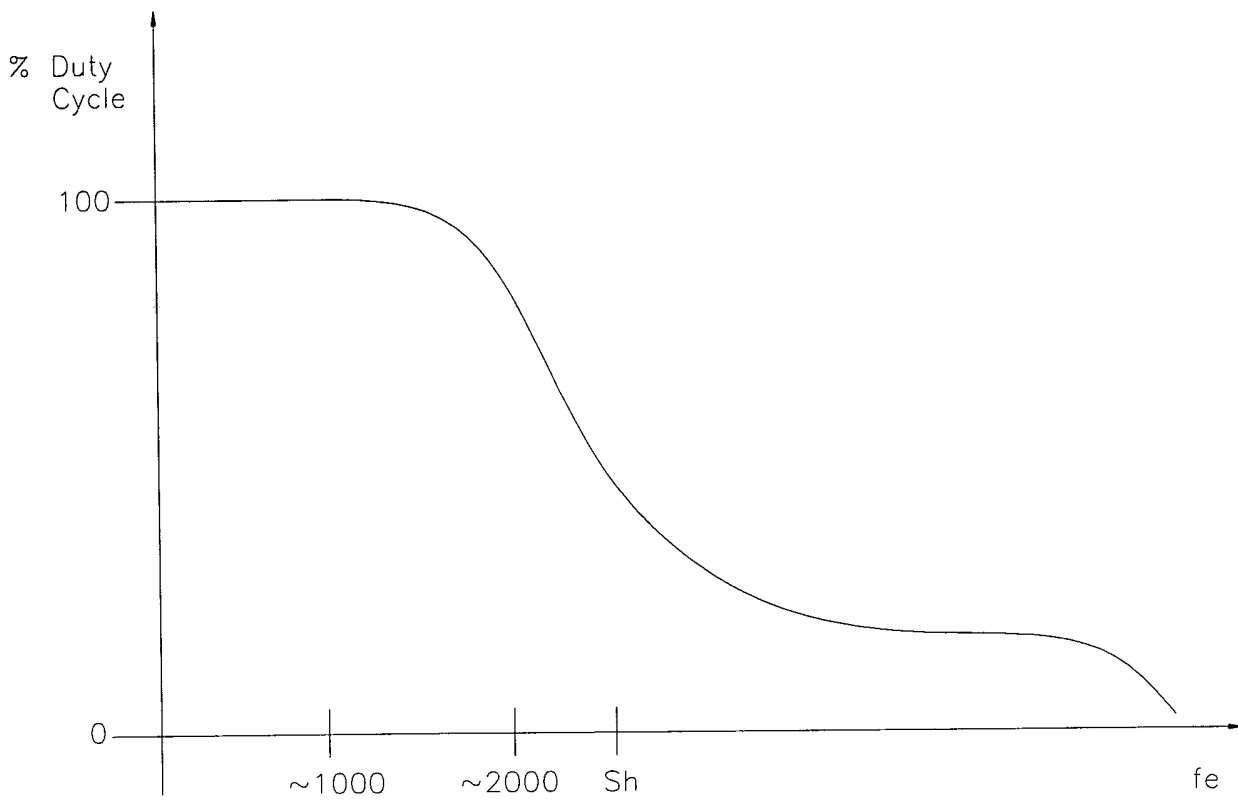


Figure 6

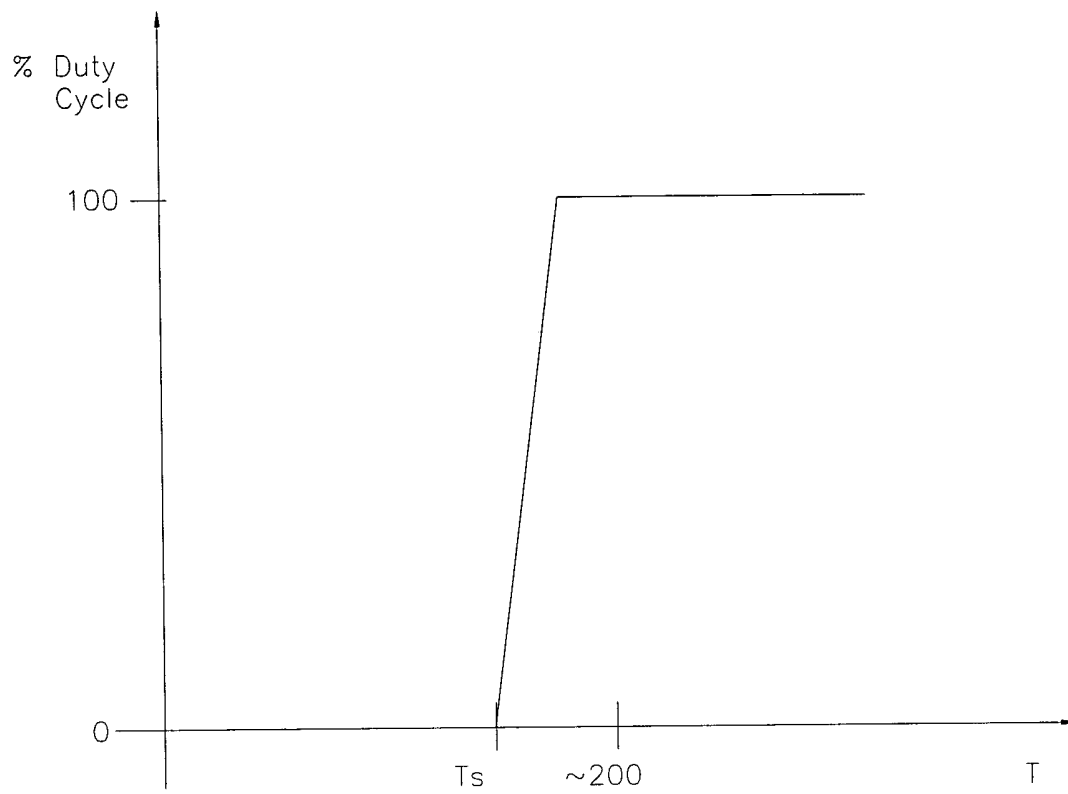


Figure 7